

Converting Colors

$Y_{xy}(26.3138, 0.2475, 0.2752)$

Have a look what the booklet for
Yxy(26.3138, 0.2475, 0.2752)
contains.

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Color

Yxy(26.3087, 0.2480, 0.2758)

Conversions

Conversions Part 1

Format	Color
Hex	6791B1
RGB	103, 145, 177
RGB Percent	40%, 57%, 69%
CMY	0.5960, 0.4314, 0.3059
CMYK	0.42, 0.18, 0.00, 0.31
HSL	206°, 32%, 55%
HSV	206°, 42%, 69%
XYZ	23.6568, 26.3087, 45.4250
YIQ	136.0900, -35.3040, 1.0480

Conversions

Conversions Part 2

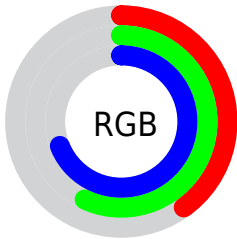
Format	Color
RYB	103, 130, 177
Decimal	6787505
CIELab	58.33, -5.87, -21.29
CIELCh	58, 22.083, 254.592
Yxy	26.3087, 0.2480, 0.2758
Android (android.graphics.Color)	4284977585 (0xFF6791B1)
YUV	136.0900, 20.1686, -29.0199
Hunter-Lab	51.2920, -7.4334, -16.6037

Details

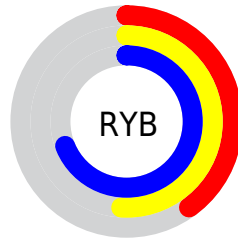
The Yxy color **26.3087, 0.2480, 0.2758** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **27.6634, 0.3977, 0.3761**, and the grayscale version is **24.5916, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.8981, 0.2610, 0.2869**, and **10.3178, 0.2264, 0.2583** is the 20% darker color. If you saturate the color by 10%, you get **23.1093, 0.2332, 0.2603**, and if you desaturate by 10%, it is **29.8895, 0.2634, 0.2904**.

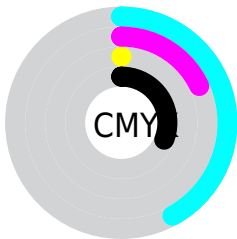
Distribution



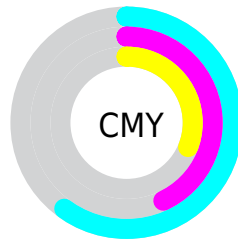
- Red (40%)
- Green (57%)
- Blue (69%)



- Red (40%)
- Yellow (51%)
- Blue (69%)



- Cyan (42%)
- Magenta (18%)
- Yellow (0%)
- Black (31%)



- Cyan (60%)
- Magenta (43%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.3087, 0.2480, 0.2758 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 26.3087, 0.2480, 0.2758 by changing the saturation by 10% instead.

■ 26.3087, 0.2480,
0.2758

■ 26.3087, 0.2480,
0.2758

■ 284.2942, 0.2826,
0.3049

■ 17.0547, 0.2386,
0.2677

■ 53.7725, 0.2611,
0.2870

■ 10.2735, 0.2262,
0.2568

■ 72.7512, 0.2659,
0.2910

■ 5.5807, 0.2090,
0.2415

■ 95.7402, 0.2698,
0.2943

■ 2.5918, 0.1839,
0.2184

■ 123.1239, 0.2732,
0.2971

■ 0.9226, 0.1438,
0.1810

■ 155.2868, 0.2761,
0.2995

■ 0.0000, 0.0000,
0.0000

192.6132, 0.2785,

0.3015

235.4875, 0.2807,
0.3033

■ 26.3087, 0.2480,
0.2758

■ 26.3087, 0.2480,
0.2758

■ 23.1093, 0.2332,
0.2603

■ 29.8895, 0.2634,
0.2904

■ 20.2710, 0.2196,
0.2441

■ 33.8644, 0.2791,
0.3038

■ 17.7759, 0.2074,
0.2274

■ 38.2494, 0.2947,
0.3161

■ 15.6028, 0.1972,
0.2107

■ 43.0582, 0.3100,
0.3271

■ 13.7270, 0.1891,
0.1944

■ 48.3041, 0.3248,
0.3370

■ 12.3701, 0.1837,
0.1813

■ 53.9996, 0.3389,
0.3458

■ 60.1567, 0.3522,
0.3536

■ 66.7868, 0.3648,
0.3604

■ 72.4844, 0.3708,
0.3672

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



26.3087, 0.2439, 0.2984



26.3087, 0.2480, 0.2758



26.3087, 0.2683, 0.2681

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



26.3087, 0.2480, 0.2758



26.3087, 0.3713, 0.3219



26.3087, 0.3207, 0.3915

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



26.3087, 0.2480, 0.2758



27.6634, 0.3977, 0.3761

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



26.3087, 0.3562, 0.3950



26.3087, 0.2480, 0.2758



26.3087, 0.3868, 0.3525

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



26.3087, 0.2480, 0.2758



26.3087, 0.3392, 0.2943



26.3087, 0.3809, 0.3795



26.3087, 0.2844, 0.3677

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



26.3087, 0.2480, 0.2758



26.3087, 0.2892, 0.2712



26.3087, 0.3809, 0.3795



26.3087, 0.3331, 0.3951

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



26.3097, 0.2480, 0.2758



67.3343, 0.2925, 0.3144



36.0461, 0.2853, 0.4016



14.2152, 0.2892, 0.3118



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.3097, 0.2480, 0.2758



41.8973, 0.2346, 0.2618



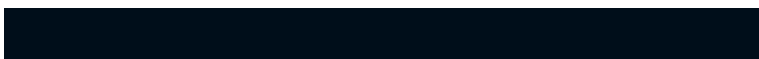
17.0384, 0.2380, 0.2131



9.0035, 0.2985, 0.3189



9.0852, 0.1842, 0.1830



0.3992, 0.1967, 0.2280

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



21.0977, 0.3576, 0.2685



32.2343, 0.3717, 0.2560



39.3901, 0.3772, 0.4231



8.5833, 0.3201, 0.3162



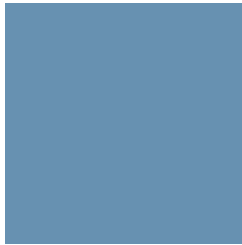
7.4573, 0.4649, 0.2335



0.2461, 0.4147, 0.2058

Previews

White Background



This preview shows how the Yxy color 26.3087, 0.2480, 0.2758 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 26.3087, 0.2480, 0.2758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

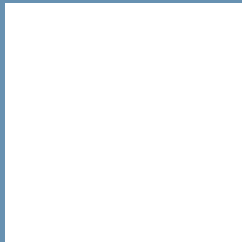
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.3087, 0.2480, 0.2758

Background



This preview shows how black text looks on a background with the Yxy color 26.3087, 0.2480, 0.2758.

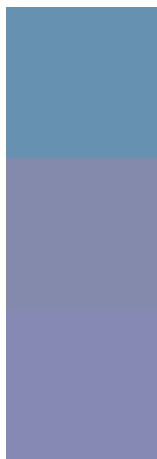


This preview shows how white text looks on a background with the Yxy color 26.3087, 0.2480, 0.2758.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

26.3087, 0.2480, 0.2758

Protanopia

26.0610, 0.2748, 0.2749

Deuteranopia

26.1325, 0.2698, 0.2635



Tritanopia

26.3145, 0.2571, 0.3079

Trichromacy



Original Color

26.3087, 0.2480, 0.2758

Protanomaly

26.1707, 0.2637, 0.2755

Deuteranomaly

26.1081, 0.2613, 0.2681

Tritanomaly

26.3299, 0.2540, 0.2963

Monochromacy



Original Color

26.3087, 0.2480, 0.2758

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.9847, 0.2856, 0.3085

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3087, 0.2480, 0.2758 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(103, 145, 177)` looks like.

```
.text, #text, p{  
    color:rgb(103, 145, 177)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(103, 145, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 145, 177) }
```

Border

The CSS property to change the border of an element to Yxy 26.3087, 0.2480, 0.2758 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(103, 145, 177) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(103, 145, 177) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(103, 145, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 145, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 145, 177);  
box-shadow:4px 4px 4px 4px rgb(103, 145,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3087, 0.2480, 0.2758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 145, 177) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(103,  
145, 177) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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